

IN THE CLAIMS:

Please amend claims 1, 4-6, and 8-13 as follows.

1. (Currently Amended) ~~A method of sending packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network, wherein the network comprises a network node connected to at least a first base station and a second base station, and user equipment connected to at least one of said first and second base stations, the method comprising:~~

transmitting packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network in an acknowledged mode radio link control entity between a transmitting side and a receiving side;

setting a retransmission parameter so that the packet data units are not retransmitted to ~~said a~~ first base station when receiving positive or negative status reports for sent packet data units from said receiving side;

buffering transmitted packet data units in a retransmission buffer;

receiving status reports for the sent packet data units from said receiving side;

purging from said retransmission buffer the packet data units ~~from said retransmission buffer based on said received status reports for which positive or negative status reports~~ have not been received;

scheduling remaining packet data units in said retransmission buffer for transmission to ~~said a~~ second base station; and

transmitting said scheduled remaining packet data units to said second base station.

2. (Previously Presented) The method according to claim 1, wherein said purging comprises:

purging the packet data units that have been either negatively or positively acknowledged by said user terminal from said retransmission buffer.

3. (Previously Presented) The method according to claim 1, wherein said setting comprises setting said retransmission parameter that comprises a MaxDAT with an appropriate value.

4. (Currently Amended) The method according to claim 1, wherein said transmitting comprises transmitting the packet data in ~~said a~~ mobile communication network, which is a high speed downlink packet access network.

5. (Currently Amended) ~~A system of sending packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network, the system comprising:~~

a network node connected at least to a first base station and a second base station;
user equipment connected to at least one of said first or said second base stations;
a transmitter configured to transmit packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network in an acknowledged mode radio link control entity between a transmitting side and a receiving side;

a retransmission buffer ~~for buffering~~ configured to buffer transmitted packet data units;

a setting ~~unit~~ device configured to set a retransmission parameter so that the packet data units are not retransmitted to said first base station when receiving positive or negative status reports for sent packet data units from said receiving side;

a receiver configured to receive the status reports for the sent packet data units from said receiving side; and

a management ~~unit~~device configured to purge from said retransmission buffer the packet data units ~~from said retransmission buffer based on said received status reports for~~ which positive or negative status reports have not been received and to schedule remaining packet data units in said retransmission buffer for transmission to said second base station,

wherein said transmitter is configured to transmit said scheduled packet data units to said second base station.

6. (Currently Amended) The system according to claim 5, wherein said management ~~unit~~device is configured to purge the packet data units that have been either negatively or positively acknowledged by said user terminal from said retransmission buffer.

7. (Original) The system according to claim 5, wherein said retransmission parameter comprises a MaxDAT with an appropriate value.

8. (Currently Amended) The system according to claim 5, wherein the transmitter is further configured to transmit said packet data units in a mobile communications network, said mobile communication network ~~comprises~~comprising a high speed downlink packet access network.

9. (Currently Amended) ~~An acknowledged mode transmitting side protocol entity for sending packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network, the entity apparatus,~~ comprising:

a transmitter configured to transmit packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network in an

acknowledged mode radio link control entity between a transmitting side and a receiving side;

a retransmission buffer ~~for buffering~~ configured to buffer transmitted packet data units;

a setting ~~unit-device~~ configured to set a retransmission parameter so that the packet data units are not retransmitted to said first base station when receiving positive or negative status reports for sent packet data units from said receiving side;

a receiver configured to receive the status reports for the sent packet data units from said receiving side; and

a management ~~unit-device~~ configured to purge from said retransmission buffer packet data units ~~from said retransmission buffer based on said received status reports for which positive or negative status reports have not been received~~ and to schedule remaining packet data units in said retransmission buffer for transmission to said second base station,

wherein said transmitter is configured to transmit said scheduled packet data units to said second base station.

10. (Currently Amended) The ~~acknowledged mode transmitting side protocol entity apparatus~~ according to claim 9, wherein said management ~~unit-device~~ is configured to purge the packet data units that have been either negatively or positively acknowledged by said user terminal from said retransmission buffer.

11. (Currently Amended) The ~~acknowledged mode transmitting side protocol entity apparatus~~ according to claim 9, wherein said retransmission parameter comprises a MaxDAT with an appropriate value.

12. (Currently Amended) ~~The acknowledged mode transmitting side protocol entity apparatus according to claim 9, wherein the transmitter is further configured to transmit said packet data units in a mobile communication network, said mobile communication network comprises~~comprising a high speed downlink packet access network.

13. (Currently Amended) ~~A system~~An apparatus, for sending packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network, wherein the network comprises a network node connected to at least a first base station and a second base station, and user equipment connected to at least one of said first and second base stations, the system comprising:

transmitting means for transmitting packet data units for unacknowledged mode services in a handover between base stations in a mobile communications network in an acknowledged mode radio link control entity between a transmitting side and a receiving side;

setting means for setting a retransmission parameter so that the packet data units are not retransmitted to said first base station when receiving positive or negative status reports for sent packet data units from said receiving side;

buffering means for buffering transmitted packet data units in a retransmission buffer;

receiving means for receiving status reports for the sent packet data units from said receiving side;

purging means for purging from said retransmission buffer the data units ~~from said retransmission buffer based on said received status reports~~for which positive or negative status reports have not been received;

scheduling means for scheduling remaining packet data units and said retransmission buffer for transmission to said second base station; and

transmitting means for transmitting said scheduled remaining packet data units to said second base station.